

MEMORANDUM

To: Village Manager Cara Pavlicek
From: Deputy Public Works Director Matt Morrison
Date: 2024-10-22
Subject: A Resolution Authorizing an Agreement with ComEd for Network Services as Part of the Automated Water Meter Project

Overview

ComEd has deployed a radio network consisting of their electric meters and radio equipment that currently serves their meter reading processes. Through discussions with ComEd, the Village of Northbrook has the ability to access that network for the purposes of remotely reading its water meters with the execution of an agreement and payment of an annual fee.

Fiscal Impact

ComEd charges an access fee of \$2.00 per meter per year for utilizing their radio network to conduct the remote reading of the system. The agreement with ComEd includes annual increases of roughly 1.5% for the 15 year term of the contract. The first full year of implementation (2026) is expected to be in an amount not to exceed \$26,000. The Village will budget for these costs in the Water Fund in account 21-4180-554-00 for the term of the agreement.

Recommendation

Approval.

Background

ComEd has deployed a radio network consisting of their electric meters and radio equipment that currently serves their meter reading process. Through discussions with ComEd, the Village of Northbrook has the ability to access ComEd's network for the purposes of remotely reading its water meters with the execution of an agreement and the payment of an annual fee.

Utilizing the ComEd radio network will take advantage of a ComEd network that is currently in place and duplicating a system that has been in use by that utility for almost 10 years. Furthermore, utilizing the ComEd network will alleviate the Village from having to invest in the upfront capital for a new radio system as well as the ownership and maintenance responsibilities including the system's eventual replacement.

[A Resolution Authorizing an Agreement with ComEd for Network Services as Part of the Automated Water Meter Project](#)
[Exhibit A - ComEd Joint-Use Agreement.pdf](#)

